

REMARKS

This application has been reviewed in light of the Office Action dated March 28, 2005. Claims 15-34 are presented for examination. Claims 1-14 have been canceled, without prejudice or disclaimer of subject matter. Claims 15-34 have been added to provide Applicants with a more complete scope of protection. Claims 15, 23, 25, 31, 33 and 34 are in independent form. Favorable reconsideration is requested.

The specification has been amended to conform the Summary of Invention section to the present claims.

Claims 1-4, 6, 7 and 9-14 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,463,307 (Larsson). Claims 5 and 8 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Larsson, in view of the cited Haartsen article “BLUETOOTH - The Universal Radio Interface for Ad Hoc, Wireless Connectivity” (Haartsen).

Cancellation of Claims 1-14 renders their rejections moot, but Applicants submit the following comments regarding the patentability of new Claims 15-34 over these cited references.

Claim 15 is directed to a communication apparatus, including a wireless connection device configured to wirelessly connect to an external intelligent terminal, a confirmation device configured to execute a process for confirming the presence of data to be transferred between the communication apparatus and the external intelligent terminal connected by such wireless connection device, and a change device configured to change a communication state with the external intelligent terminal by the wireless connection device into a state of low electric power consumption, in accordance with a time period in

which no data transmission is performed between the communication apparatus and the external intelligent terminal. The apparatus further includes an execution device configured to execute a process for confirming the presence of transfer data together with the confirmation device in place of the external intelligent terminal, in accordance with the change of communication state by the change device.

Among other notable features of Claim 15 is an execution device configured to execute a process for confirming the presence of transfer data together with the confirmation device in place of the external intelligent terminal, in accordance with the change of communication state by the change device.

Larsson relates to the management of power consumption of a mobile terminal in a communication network. The mobile terminal remains in a hibernation state until it either (1) hears a paging message from a base station or (2) determines that it has a data packet to send to the base station. The base station specifies how often the mobile terminal listens for paging messages. If there are no paging messages when the mobile terminal listens, and if the mobile terminal has no packets to send to the base station, then the mobile terminal restarts the time period and continues to hibernate. The base station of Larsson can also send to the mobile terminal a packet containing hibernation instructions and a new, specified time period or frequency at which to listen for paging messages.

If the mobile terminal of Larsson determines, while it is in the hibernation state, that it has a packet to send to the base station, it can change from the hibernation state to the awake state and send a capacity request signal to the base station to initiate transfer of the packet from the mobile terminal to the base station.

Larsson also discusses a system wherein an agent, located in the base

station, keeps a mirror image of a managed information base of the mobile terminal, and answers connectivity test inquiries from the network on behalf of the mobile terminal while the mobile terminal remains in the hibernation state. However, Applicants submit that nothing in Larsson teaches or suggests “an execution device configured to execute a process for confirming the presence of transfer data together with said confirmation device in place of the external intelligent terminal, in accordance with the change of communication state by said change device,” as recited in Claim 15.

Accordingly, Applicants submit that Claim 15 is allowable over Larsson.

A review of the other art of record has failed to reveal anything which, in Applicants’ opinion, would remedy the deficiencies of the art discussed above, as a reference against Claim 15.

Independent Claims 25 and 33 are method and storage medium claims, respectively, corresponding to apparatus Claim 15, and are believed to be patentable over Larsson for at least the same reasons as discussed above in connection with Claim 15.

Claim 23 is directed to an intelligent terminal, including a wireless connection device configured to wirelessly connect to a communication apparatus capable of performing a communication through a wired communication line, a confirmation device configured to execute a process for confirming the presence of data to be transferred between the intelligent terminal and the communication apparatus connected by such wireless connection device, and a change device configured to change a communication state with the communication apparatus by the wireless connection device into a state of low electric power consumption, in accordance with a time period in which no data transmission is performed between the intelligent terminal and the communication

apparatus. The apparatus also includes an execution device configured to execute a process for confirming the presence of transfer data together with the confirmation device in place of the communication apparatus, in accordance with the change of communication state by the change device.

Applicants submit that nothing in Larsson would teach or suggest “an execution device configured to execute a process for confirming the presence of transfer data together with said confirmation device in place of the communication apparatus, in accordance with the change of communication state by said change device,” as recited in Claim 23.

Accordingly, Applicants submit that Claim 23 is allowable over Larsson.

A review of the other art of record has failed to reveal anything which, in Applicants’ opinion, would remedy the deficiencies of the art discussed above, as a reference against Claim 23.

Independent Claims 31 and 34 are method and storage medium claims, respectively, corresponding to apparatus Claim 23, and are believed to be patentable over Larsson for at least the same reasons as discussed above in connection with Claim 23.

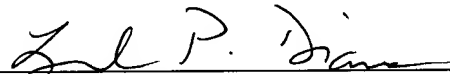
The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the

same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration of the patentability of each on its own merits is respectfully requested.

In view of the foregoing remarks, Applicants respectfully request favorable consideration and early passage to issue of the present application.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



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